

FIG. 1

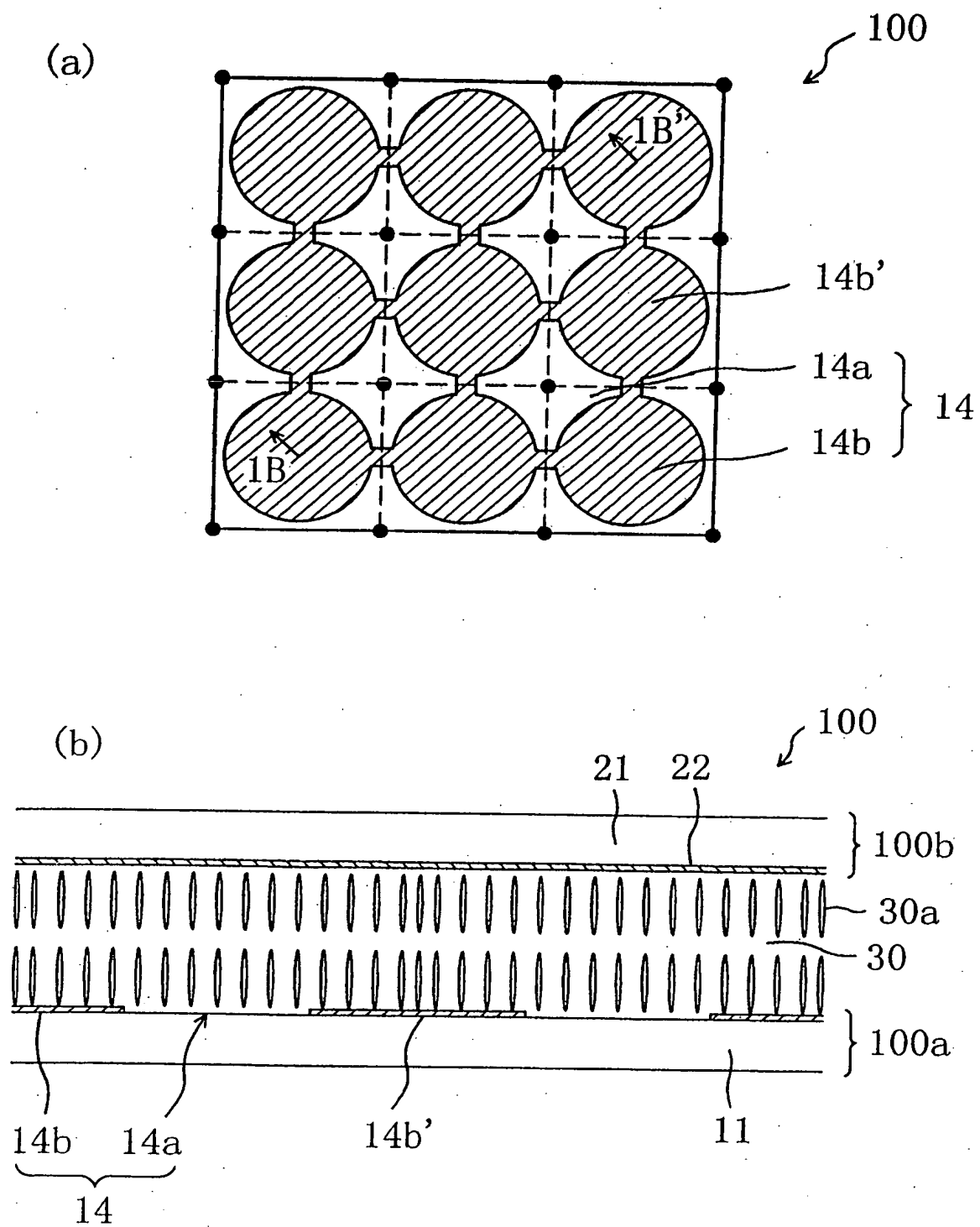


FIG. 2

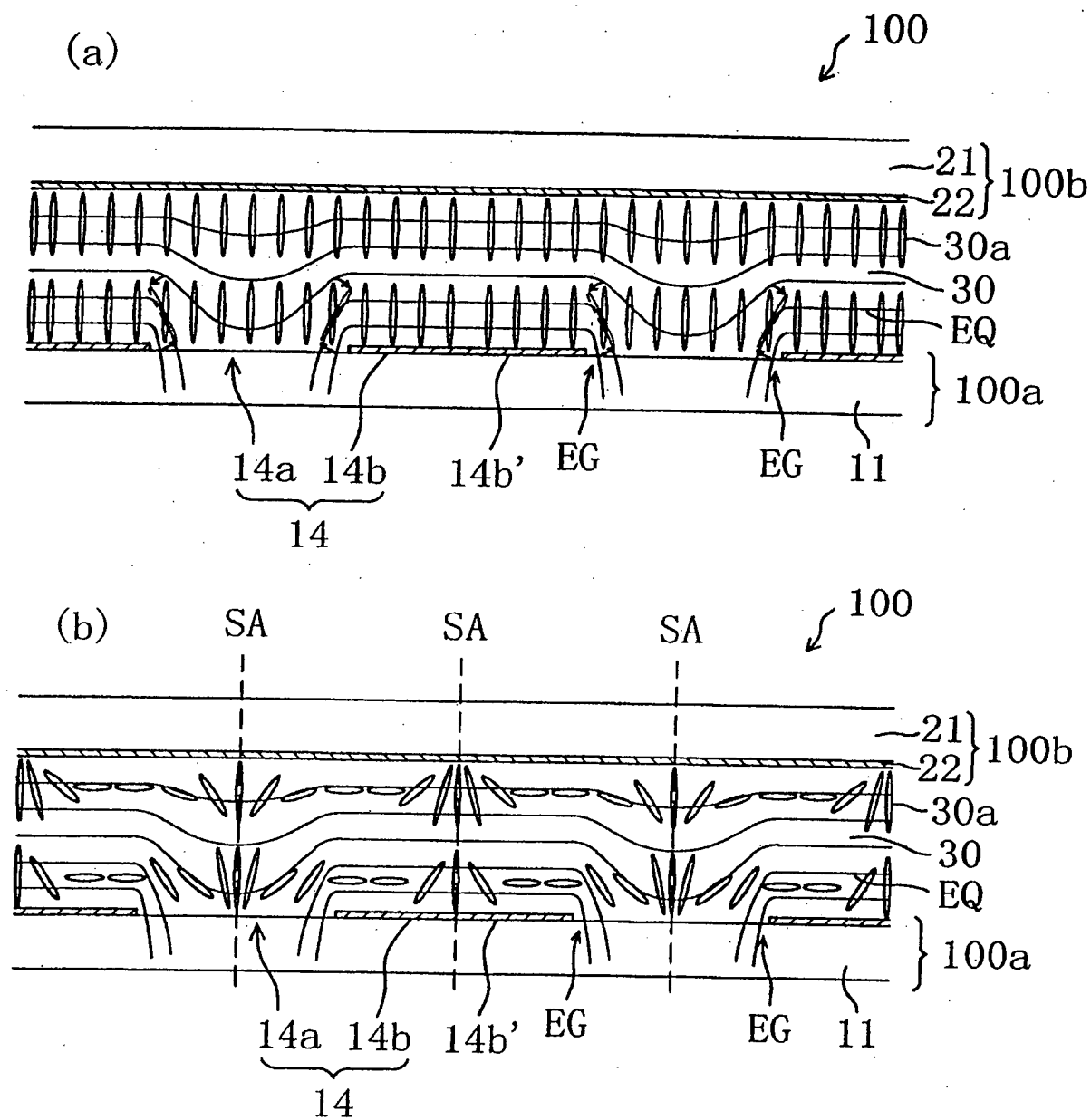


FIG. 3

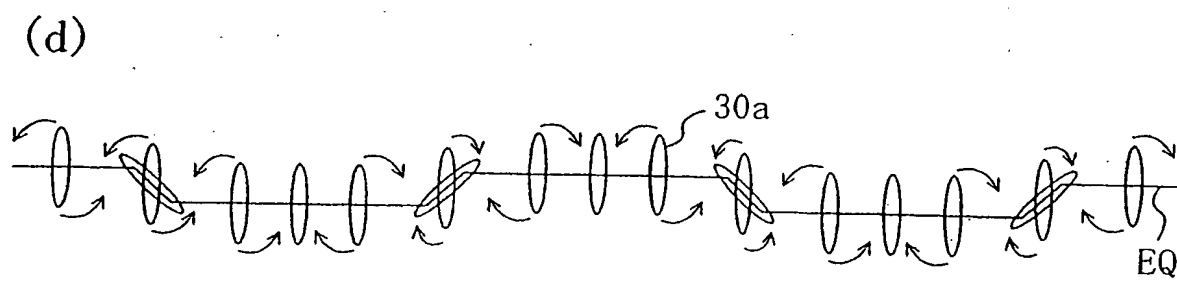
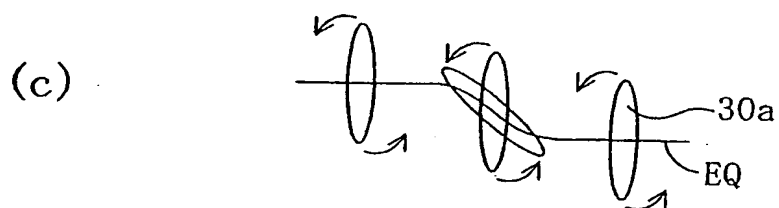
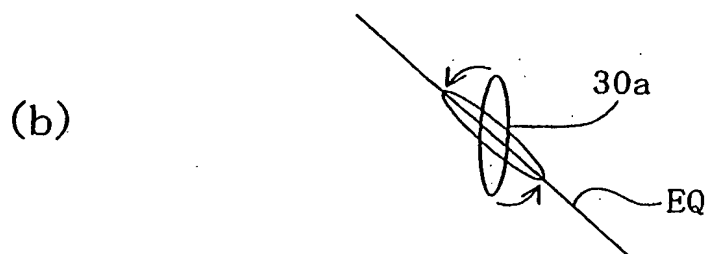
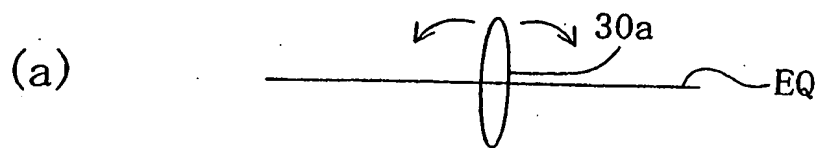
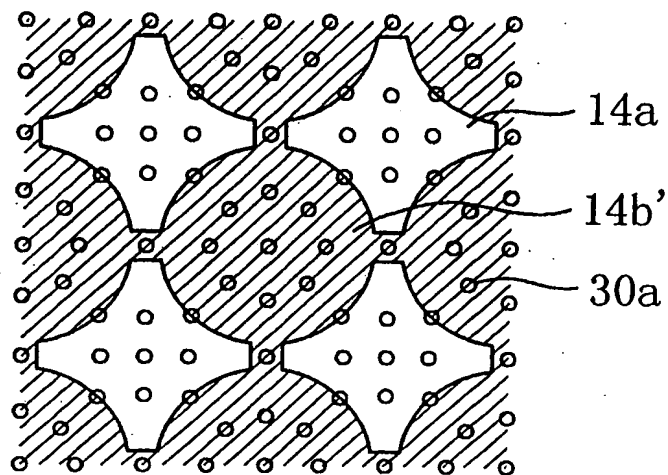
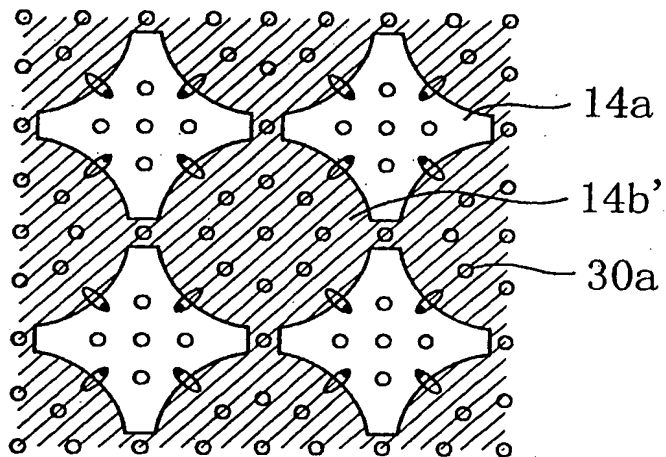


FIG. 4

(a)



(b)



(c)

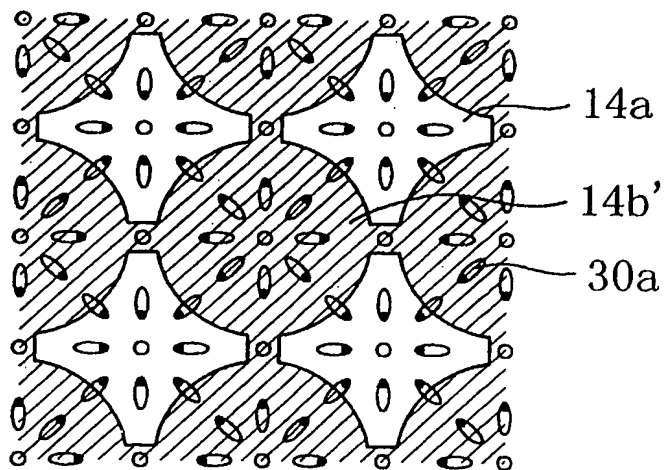


FIG. 5

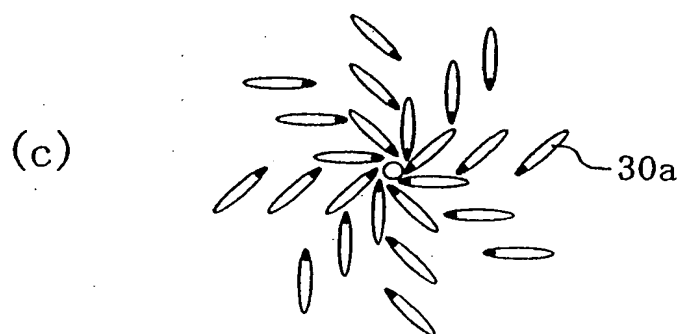
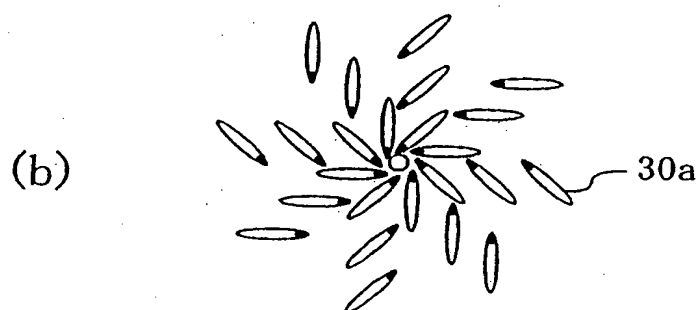
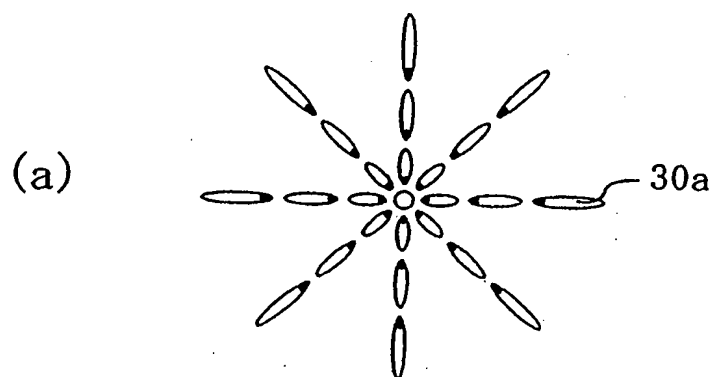


FIG. 6

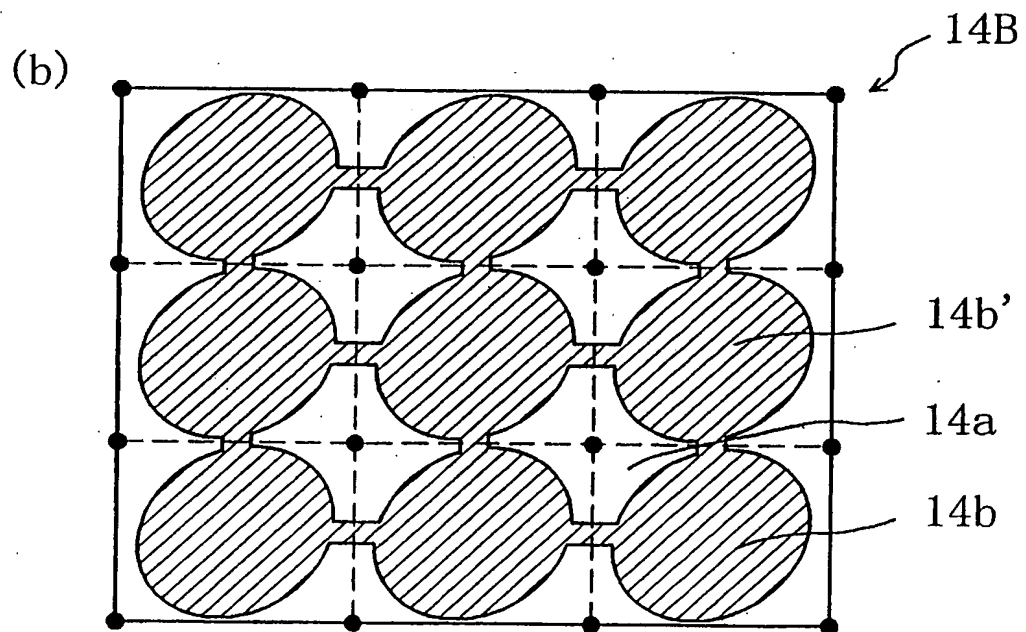
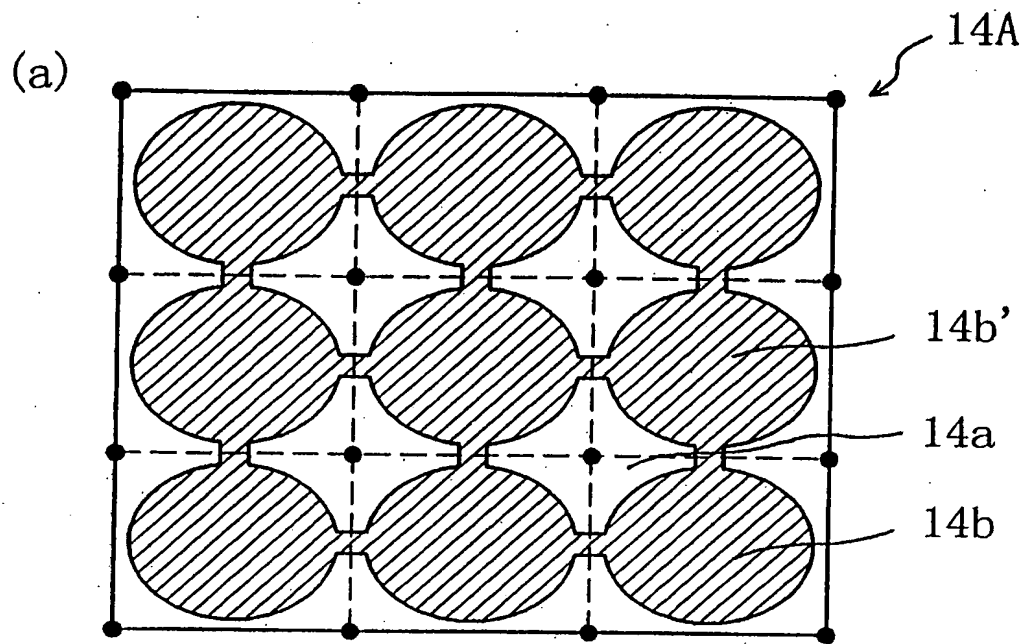
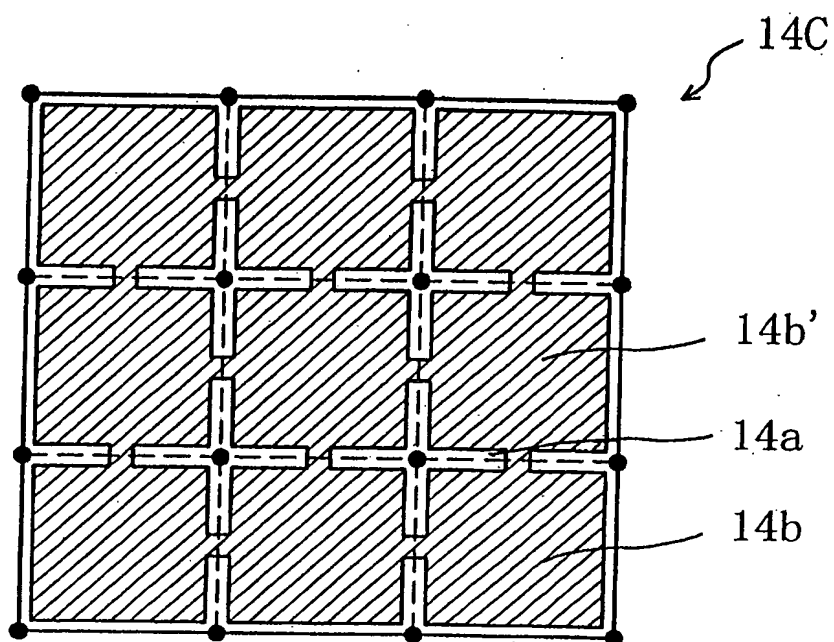


FIG. 7

(a)



(b)

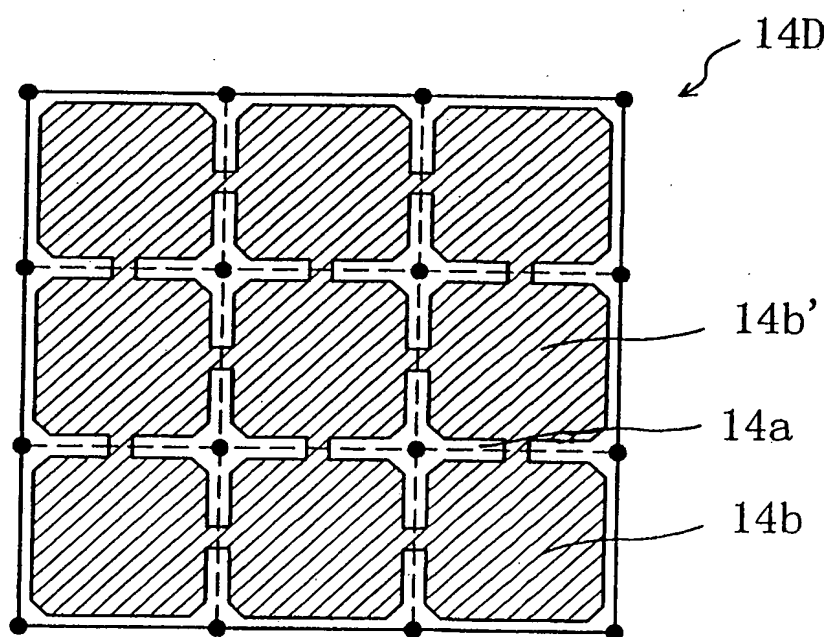
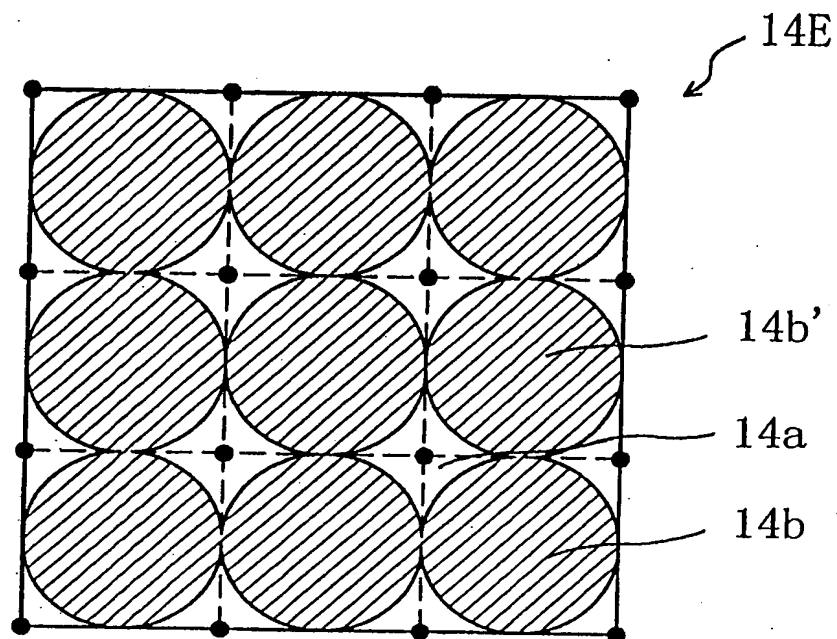


FIG. 8

(a)



(b)

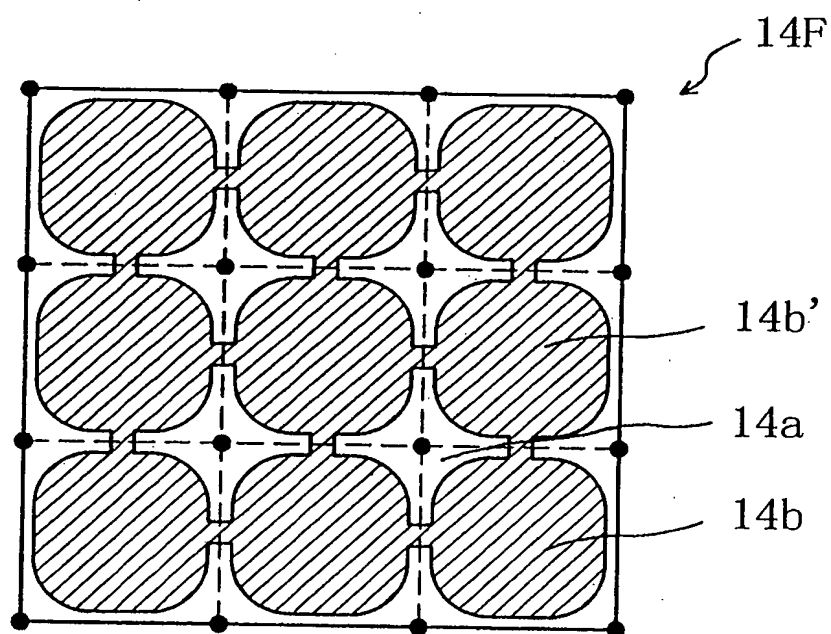


FIG. 9

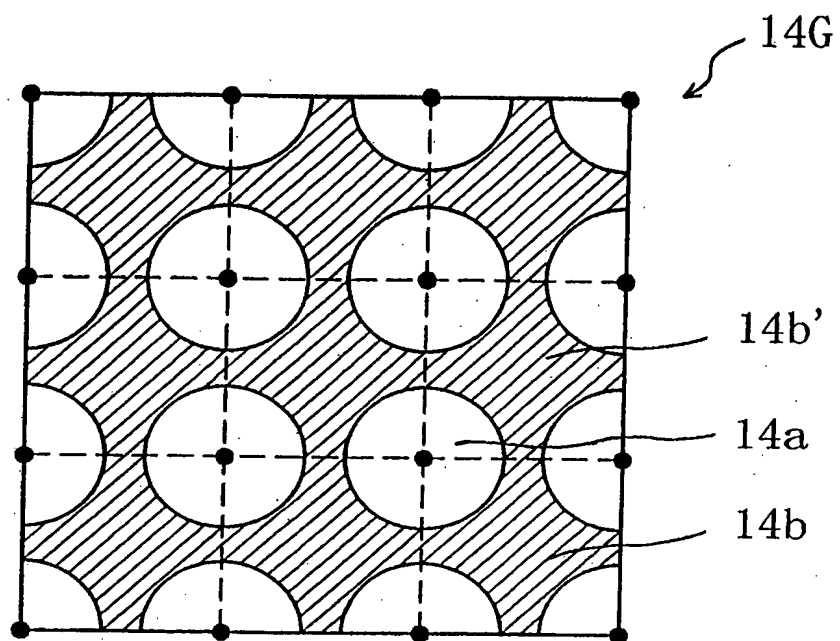
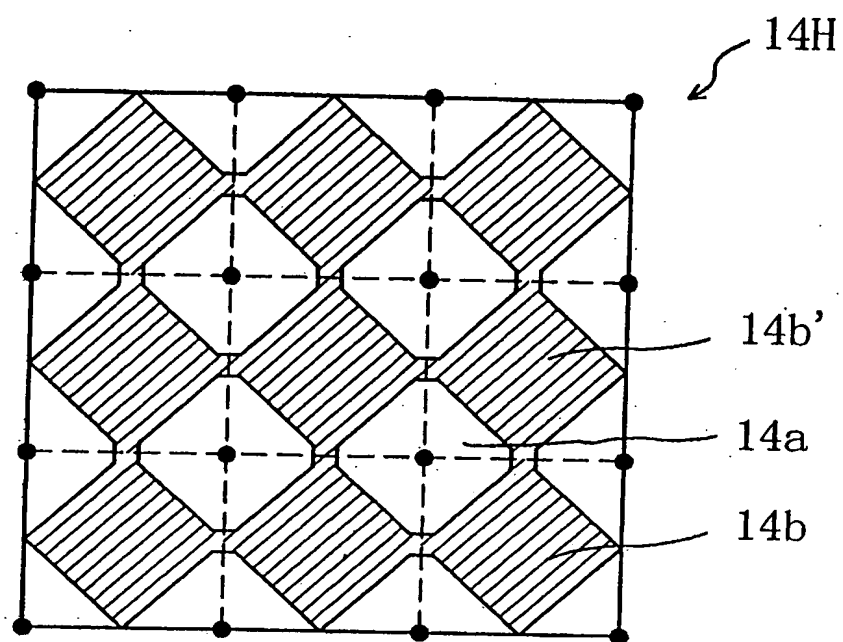


FIG. 10

(a)



(b)

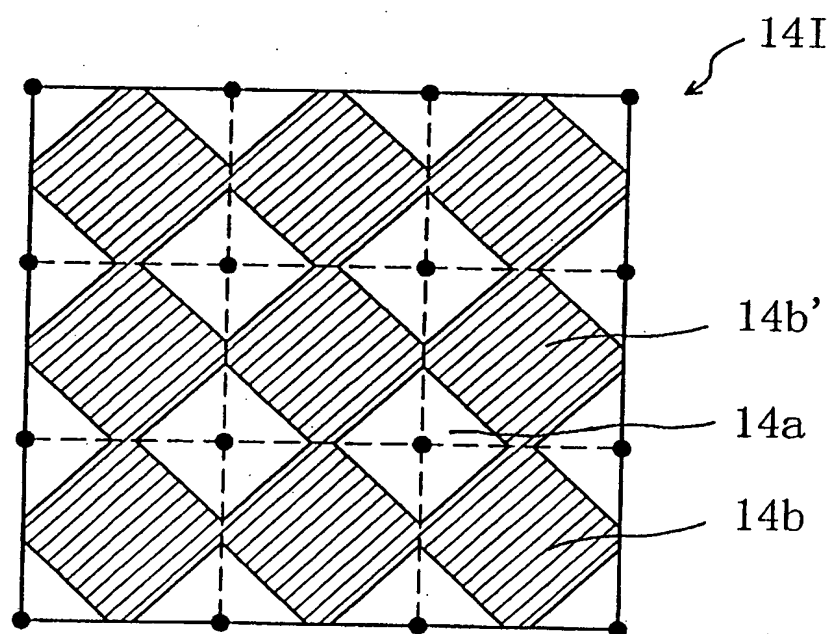
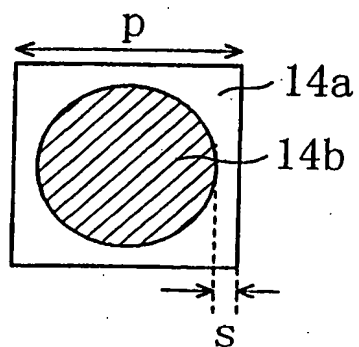
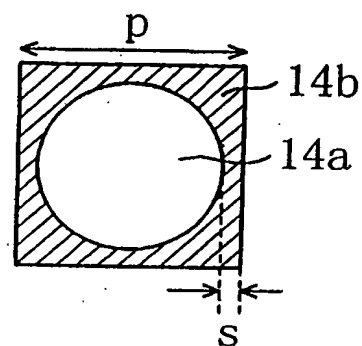


FIG. 11

(a)



(b)



(c)

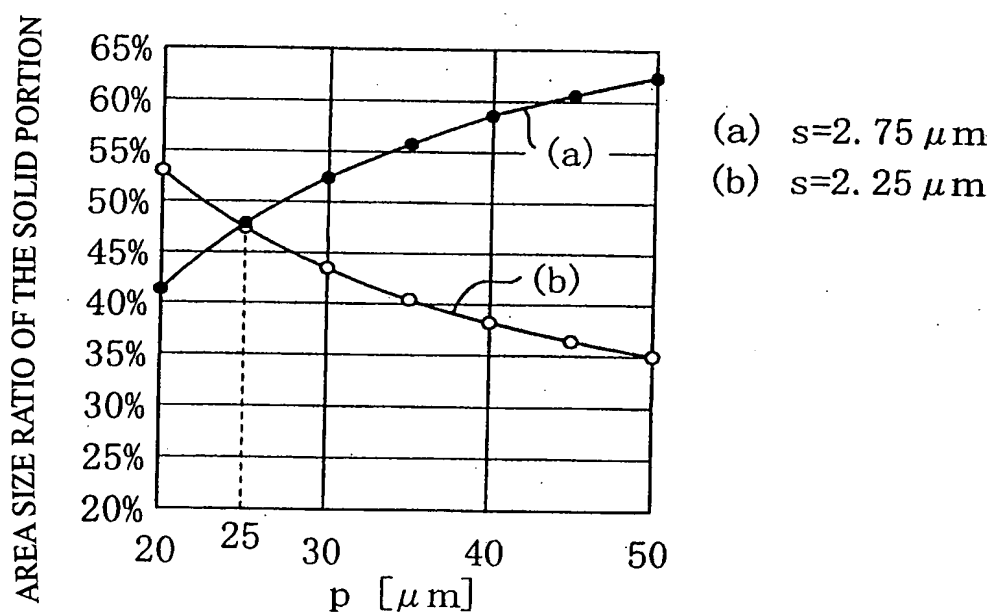
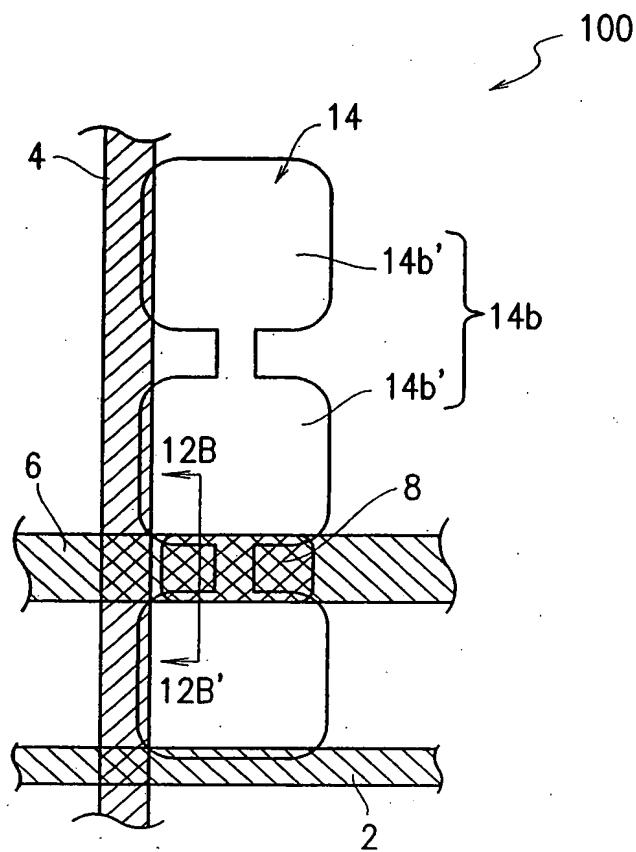


FIG. 12

(a)



(b)

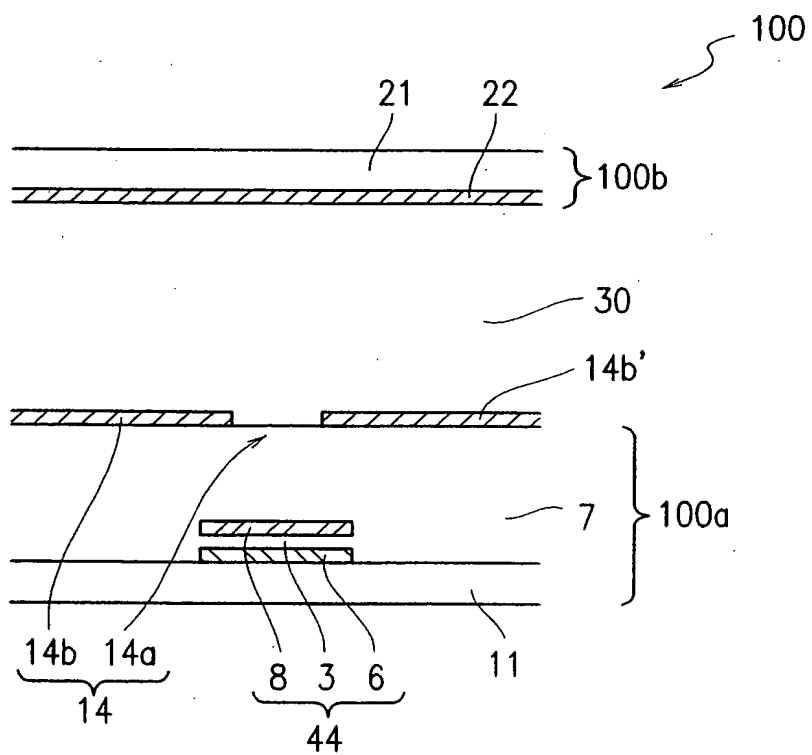


FIG. 13

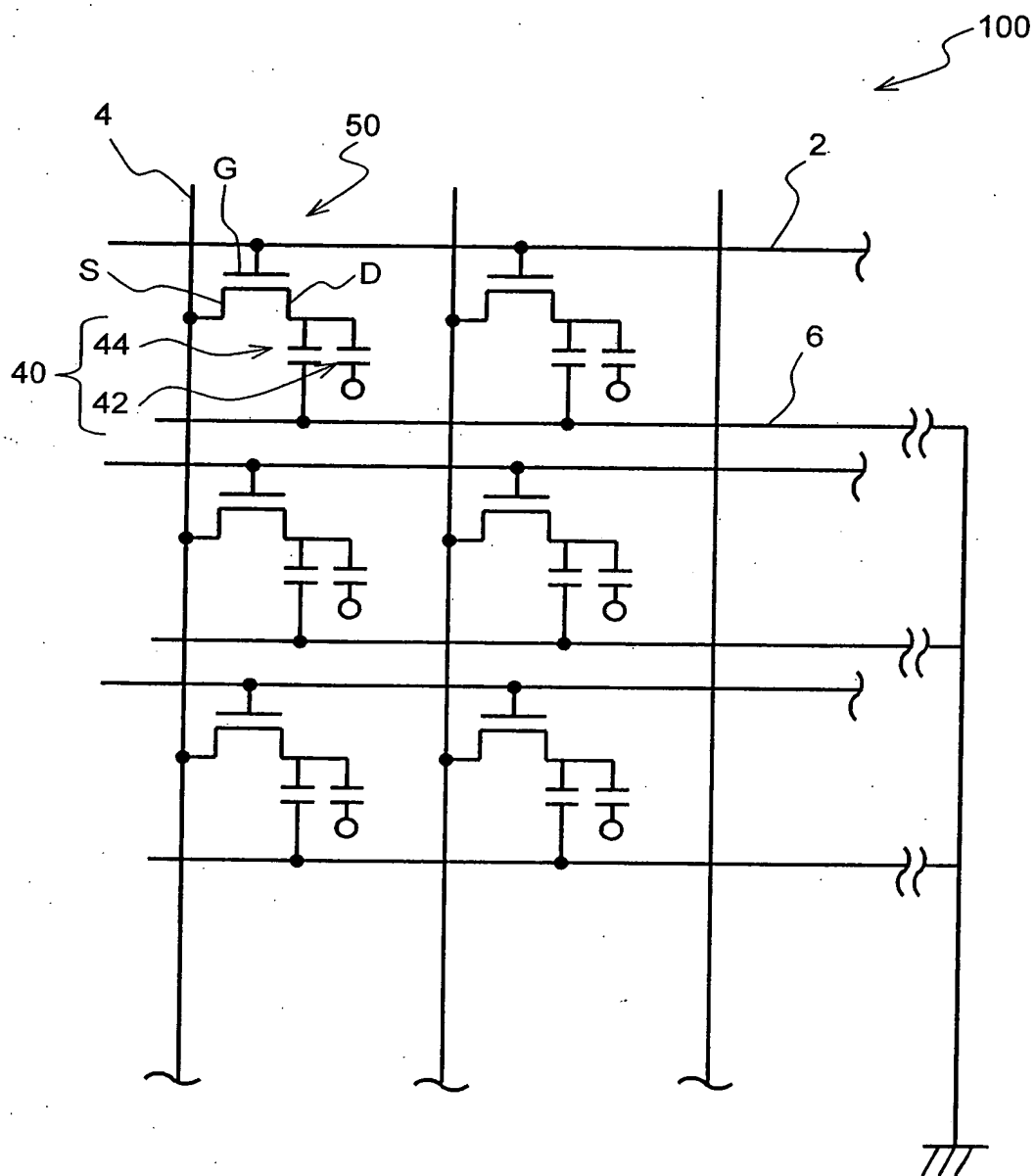


FIG. 14

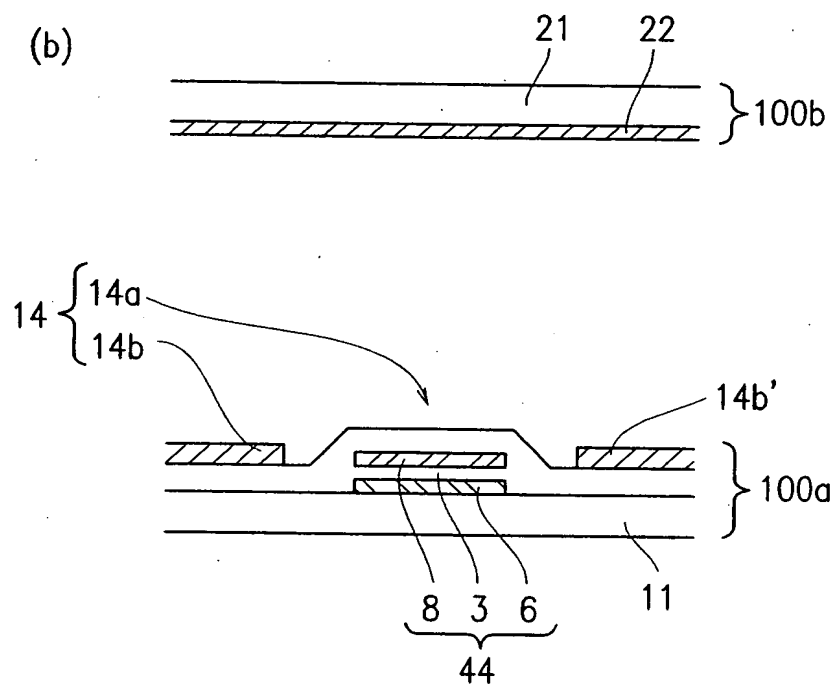
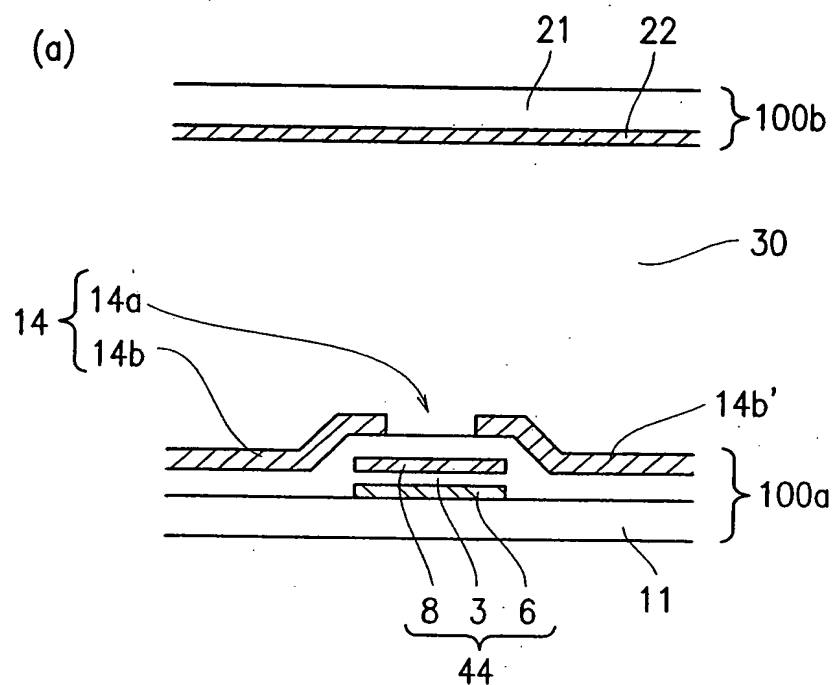
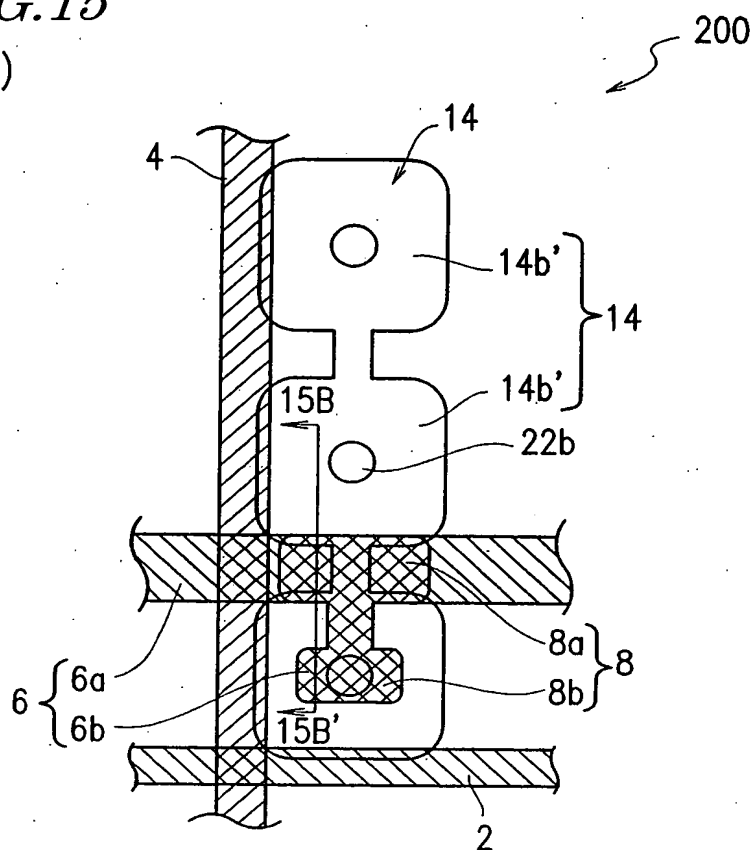


FIG. 15

(a)



(b)

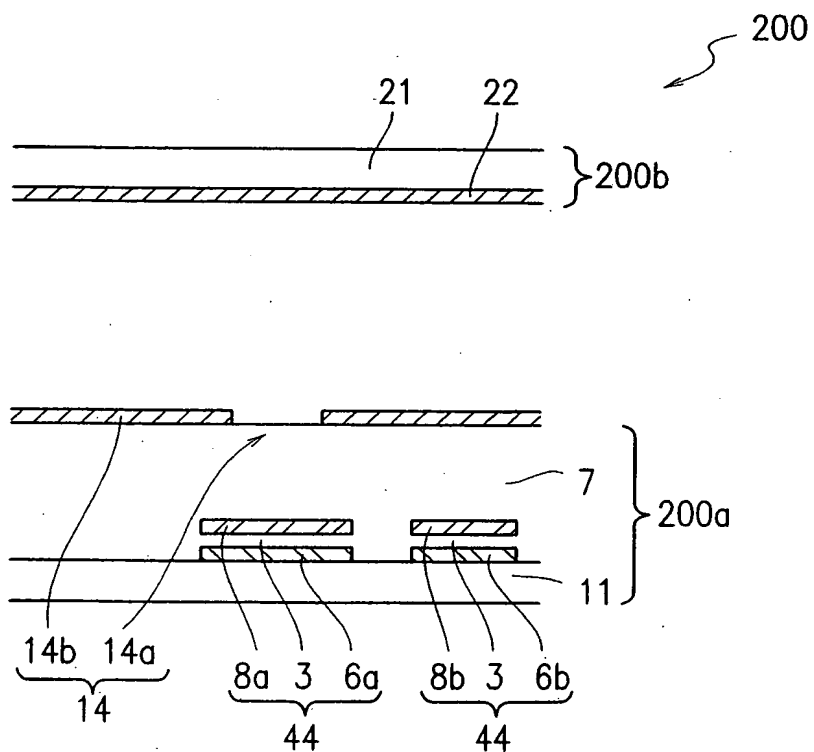


FIG. 16

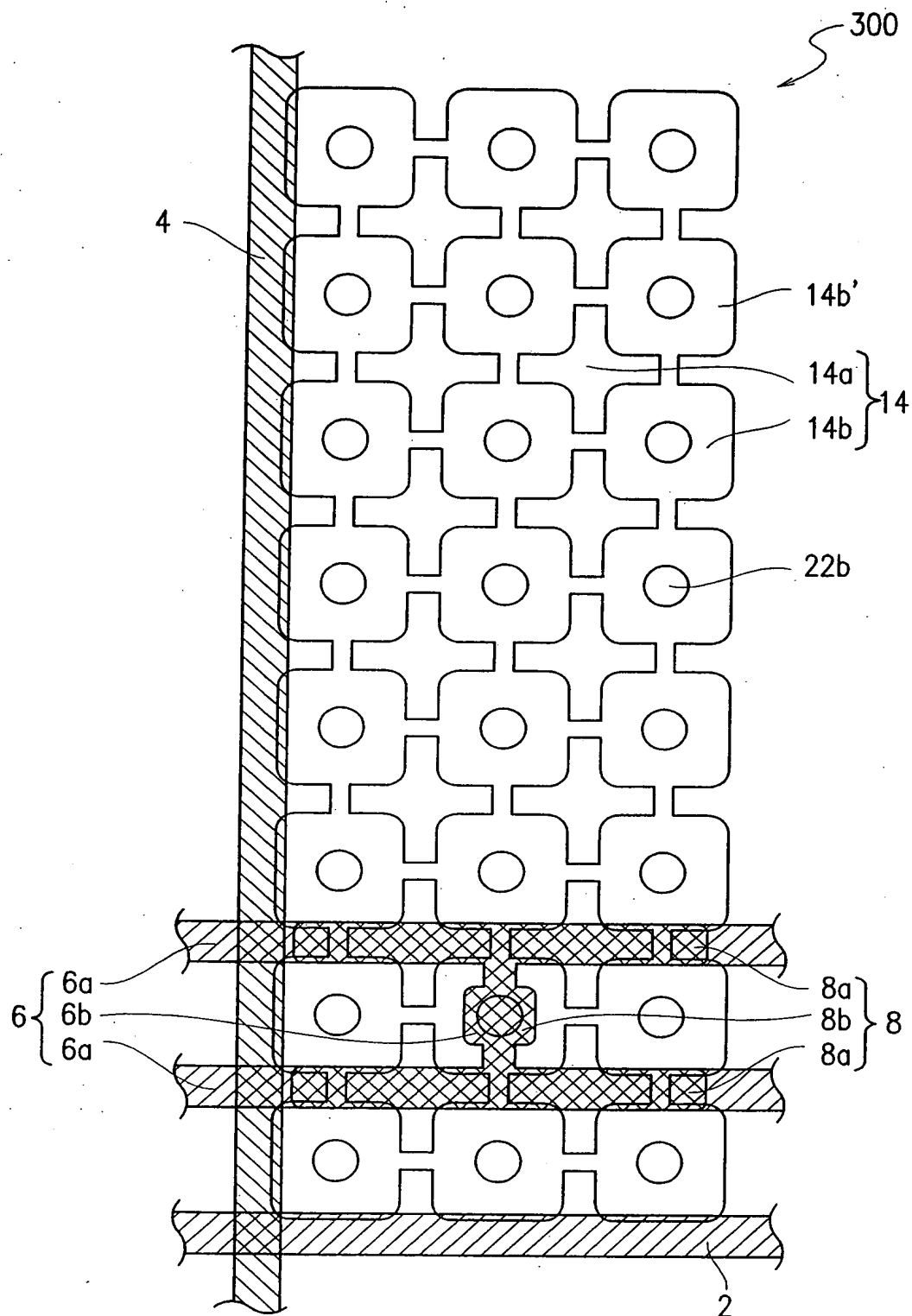


FIG. 17

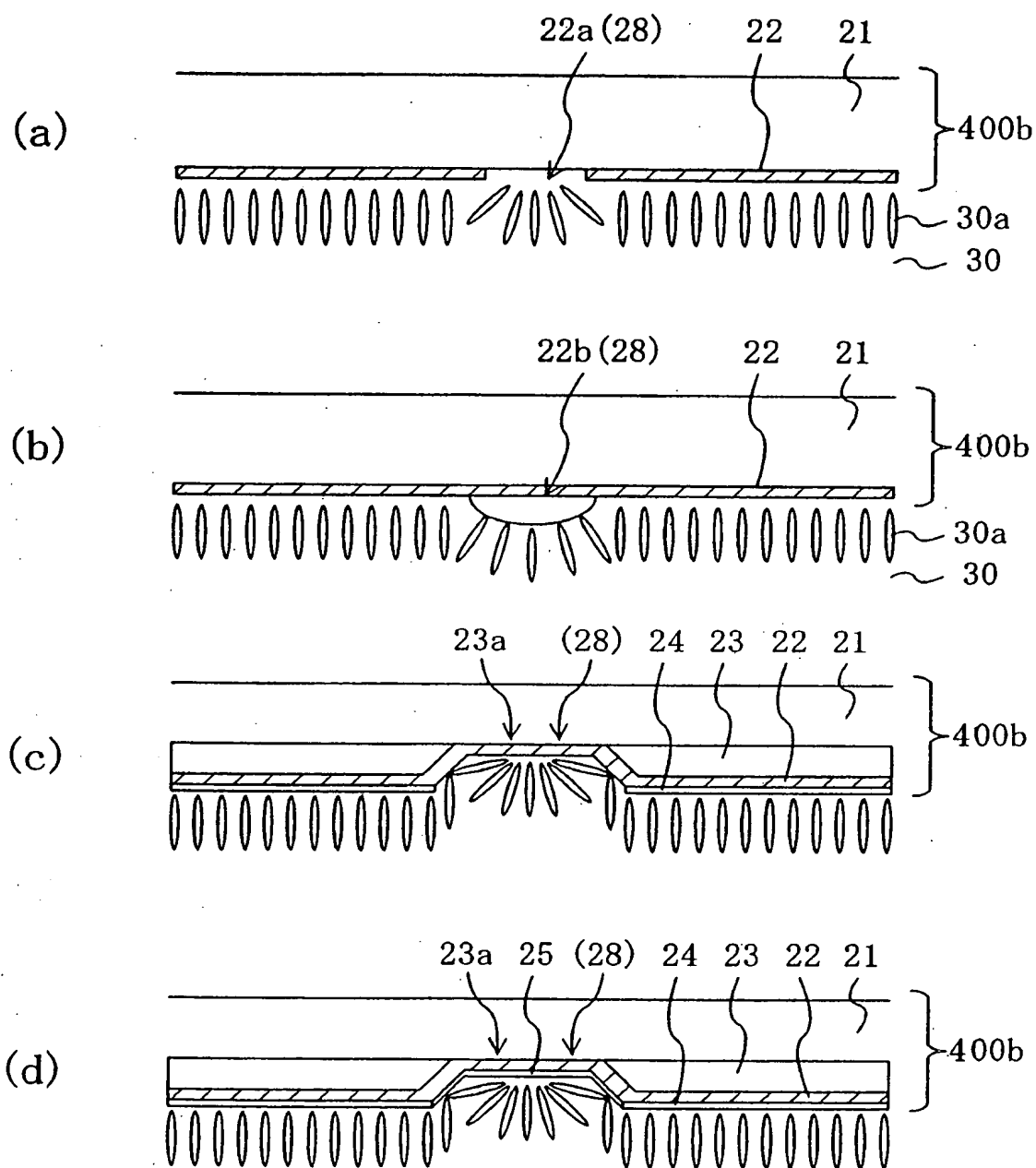
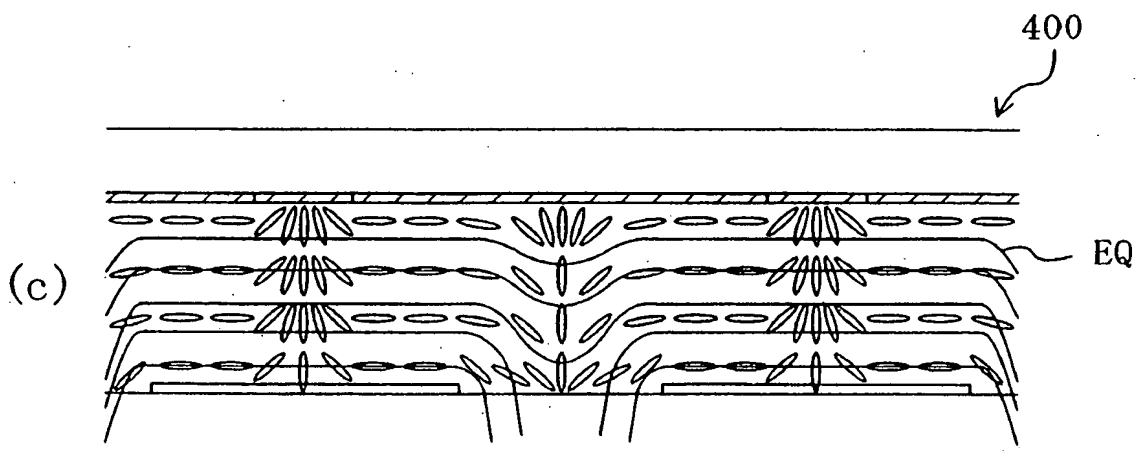
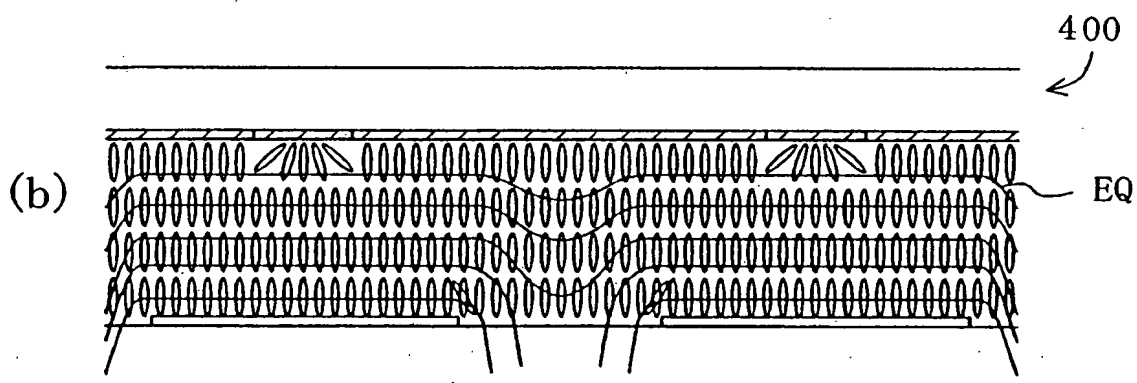
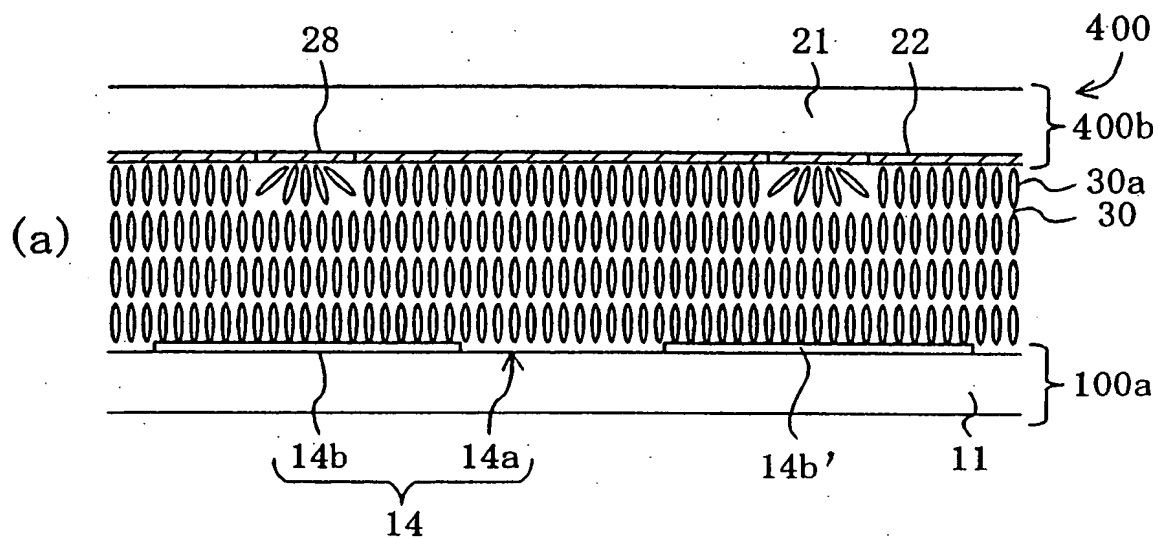


FIG. 18



(a)

Diagram (a) illustrates a 3x3 grid of circular elements 14 arranged in a square lattice 500. The elements are divided into two groups: 14a (top row) and 14b (bottom two rows). Elements 14a are labeled 23A and 23A', while elements 14b are labeled 19B and 19B'. Arrows indicate the direction of movement or force for each element.

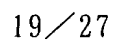


FIG. 20

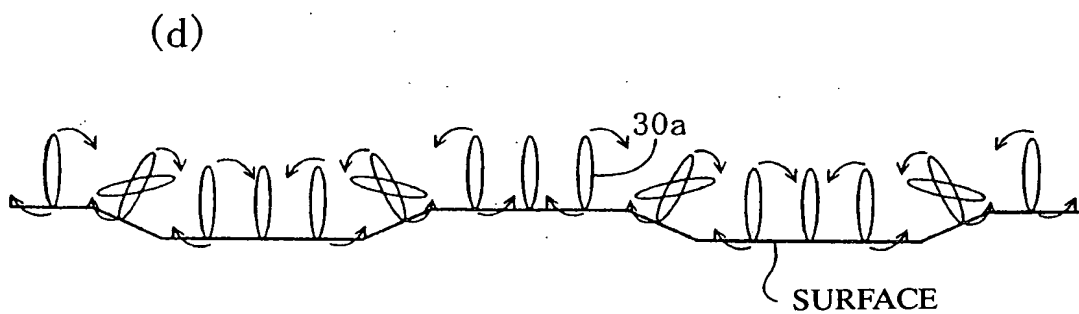
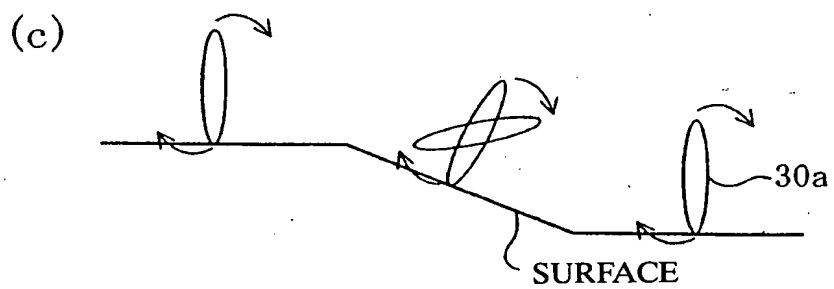
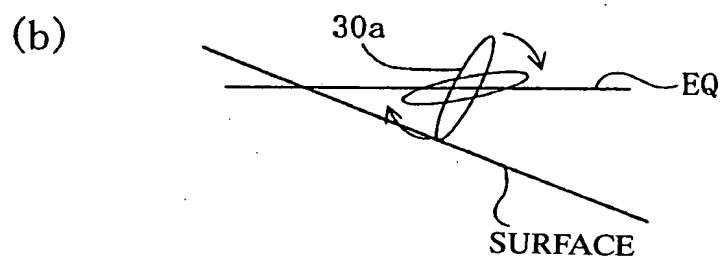
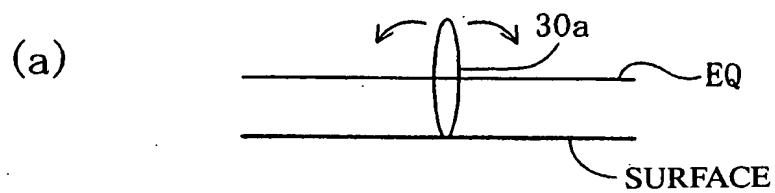


FIG. 21

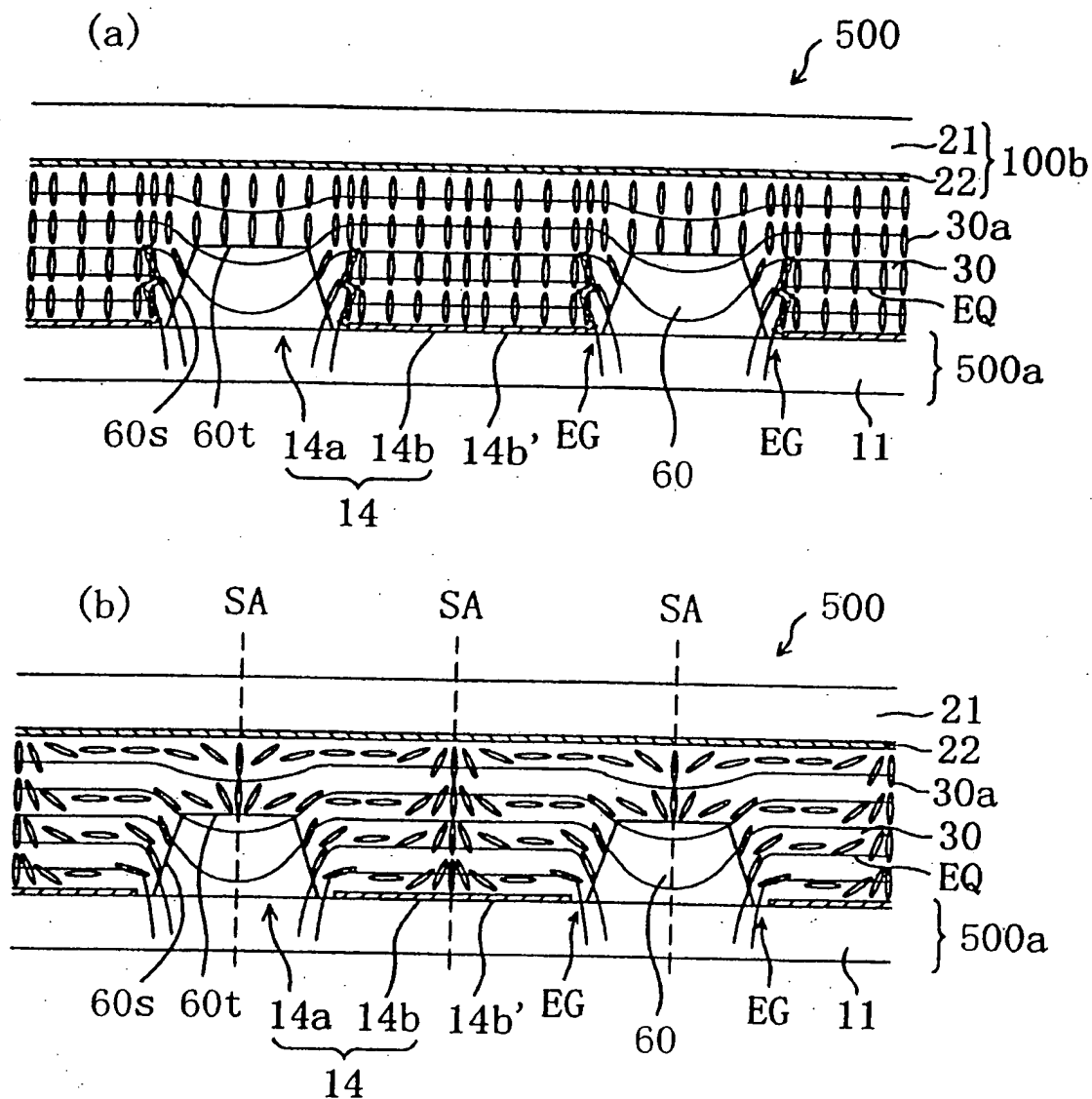


FIG. 22

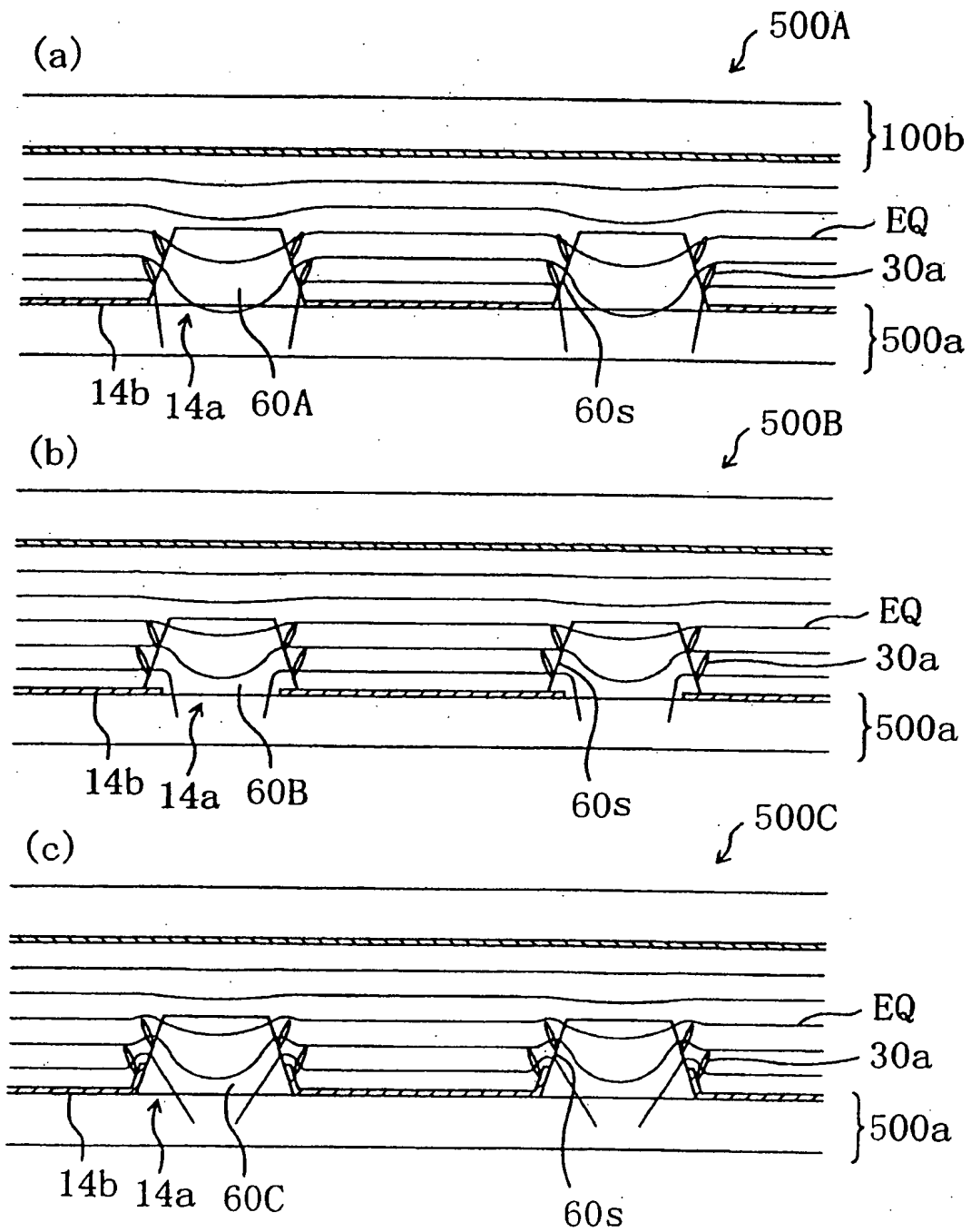


FIG. 23

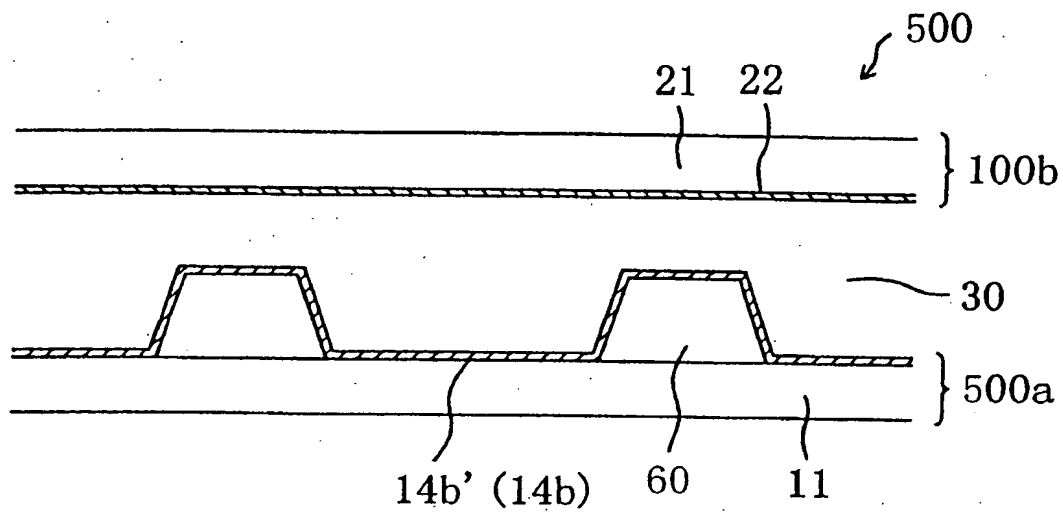


FIG. 24

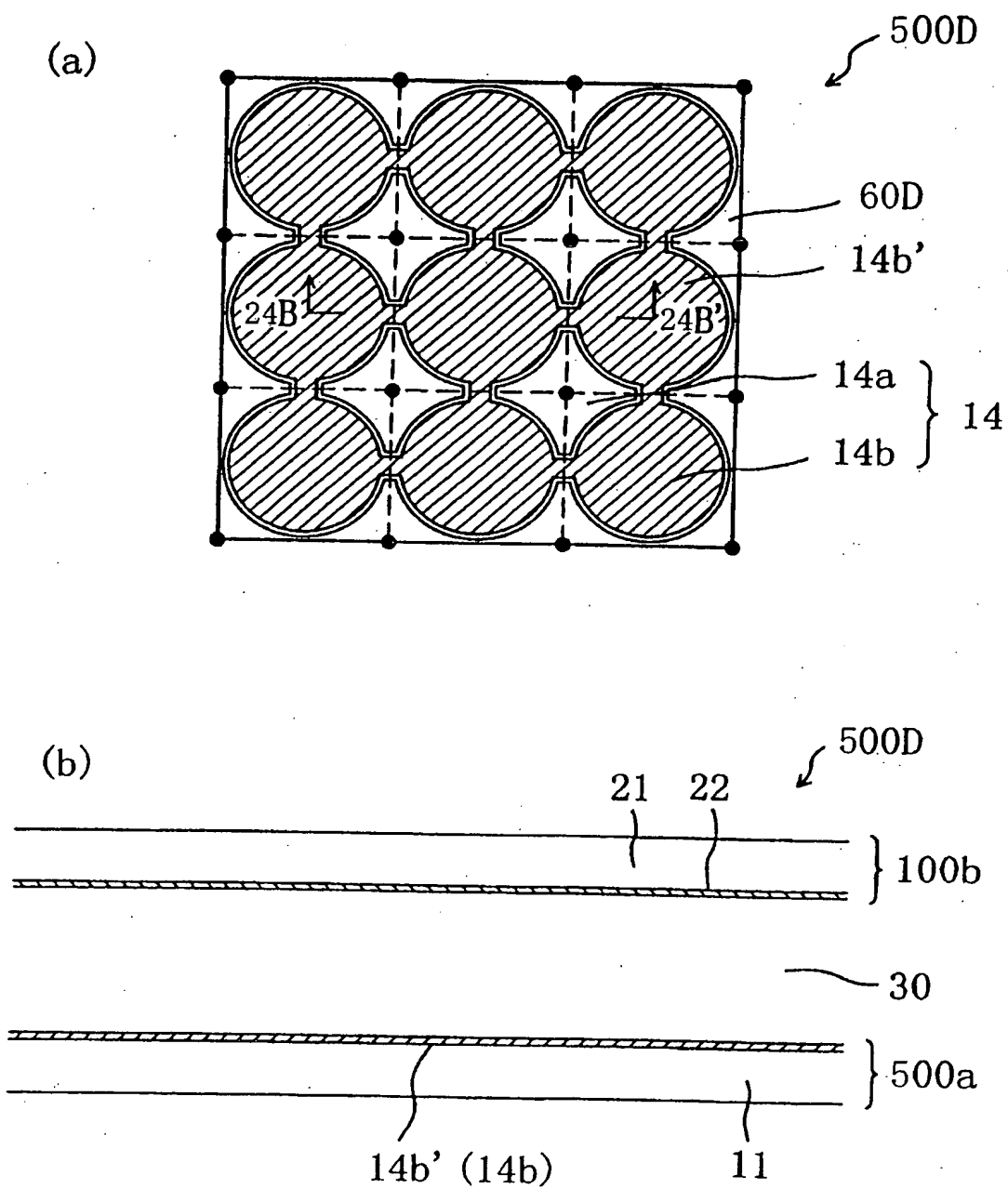


FIG. 25

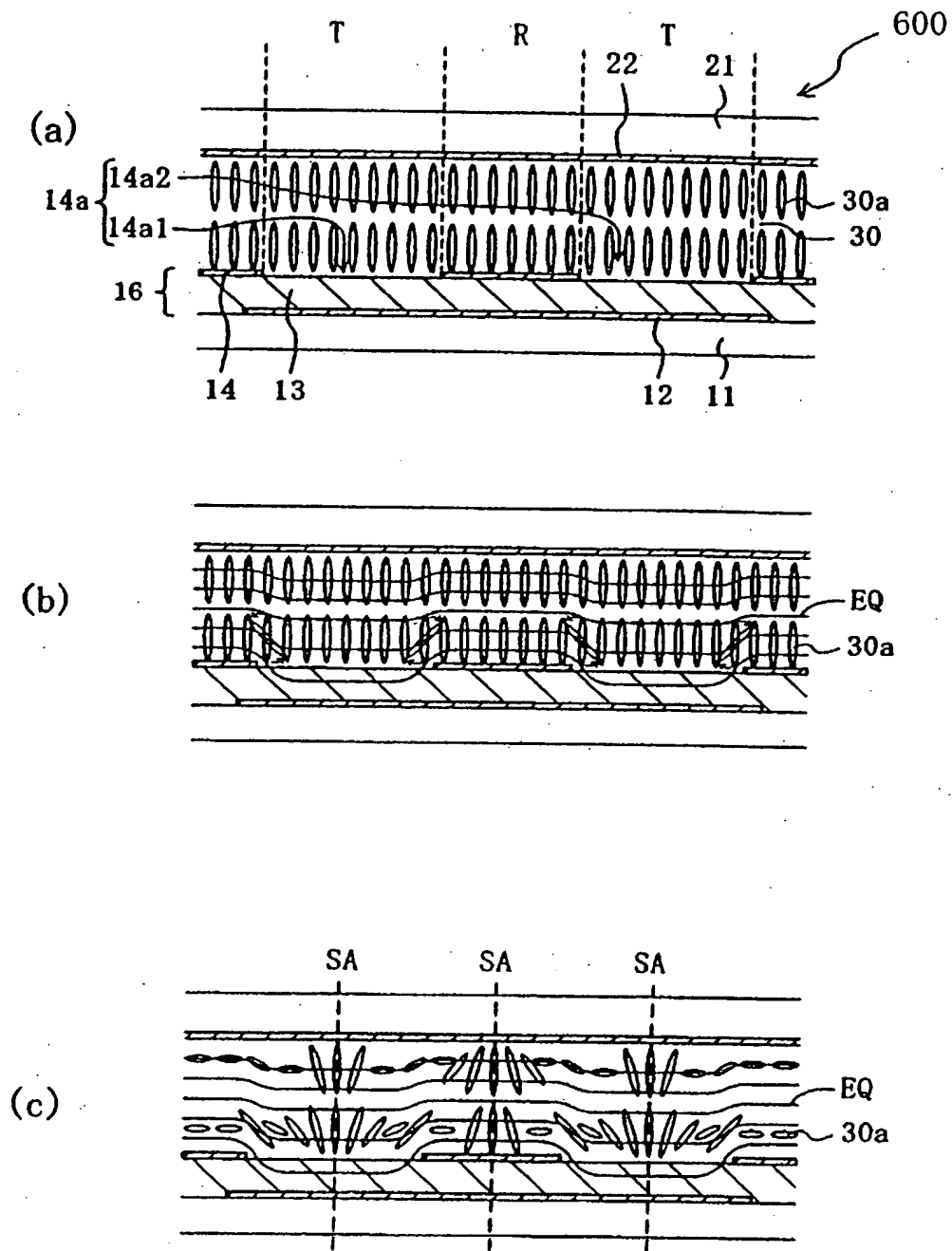


FIG. 26

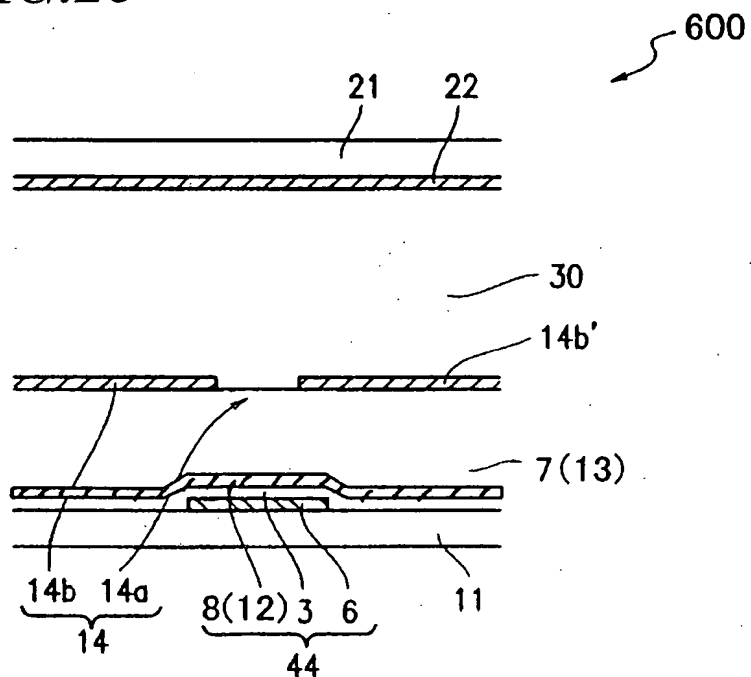


FIG. 27

